

SPIRAL STENT

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A self-expanding endovascular stent formed of stainless steel wire which is bent into an elongated zigzag pattern (5) and helically wound about a central axis (31) to define a tubular shape (30). Adjacent bends (8) in the helix are interconnected with a filament (32). The stent (30) is capable of being radially compressed such that the straight wire sections (11, 13 and 15), and the bends (8) are tightly packed around a central axis (31). The stent (30) resiliently self-expands to assume a tubular shape when released from the compressed state.



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